clc;

close all; clear all;

IM=imread('cameraman.tif'); % Read in a image

whos

figure ;

imshow(IM); % Display image

FF = fft(IM) % Take FFT

whos

IFF = ifft(FF) ; % take IFFT

whos

FINAL\_IM = uint8(real(IFF)) ; % Take real part and convert back to UINT8

whos

figure ;

imshow(FINAL\_IM) % Get back original image.

BIT PLANE SLICING:

clc;

close all;clear all

A=imread('coins.png')

imshow(A)

B=zeros(size(A));

B=bitset(B,7,bitget(A,7));

B=bitset(B,8,bitget(A,8));

d=uint8(B);

figure

imshow(d)

FILTERING

%MATLAB

I = imread('coins.png')

h = fspecial('log',[5 5], 0.2)

I2 = filter2(h,I)/255

imshow(I), figure, imshow(I2)